

**AMEDD Center &
DEPARTMENT OF TRAINING**

**Army Training and Evaluation Program (ARTEP)
SUPPORT Branch**

**MISSION TRAINING
PLANS,
COMBINED ARMS TRAINING
STRATEGY, AND TRAINING**



Briefing Outline

- **Mission Training Plans (MTPs) and Training Development**
- **Combined Arms Training Strategy (CATS)**
- **The Way Ahead**
- **Questions**

MISSION TRAINING PLANS AND TRAINING DEVELOPMENT



Agenda

- **Collective Training Development**
- **Mission Training Plans (MTPs)**
- **Training the Force FM 7-0**

What do we do?

**Develop, review
and manage
T&EOs and
collective tasks
(AMEDD &
Army)**

**Develop, review
and manage
MTPs
(49 AMEDD,
numerous Army)**

**Collective
Training
Developers**

**Review and provide
input into Army Field
Manuals, AMEDD Field
Manuals, Multi-service
Pubs, Joint Pubs, Allied
Pubs, Soldier Training
Pubs, Training Regs**

**Coordinate with
AMEDD and Non
AMEDD Combat
Developers, AMEDD
and Non AMEDD
Training Developers
to obtain emerging
changes to the force
(Organizations,**

**Develop, review and
validate Combined
Arms Training
Strategies (AMEDD
and Non AMEDD)**

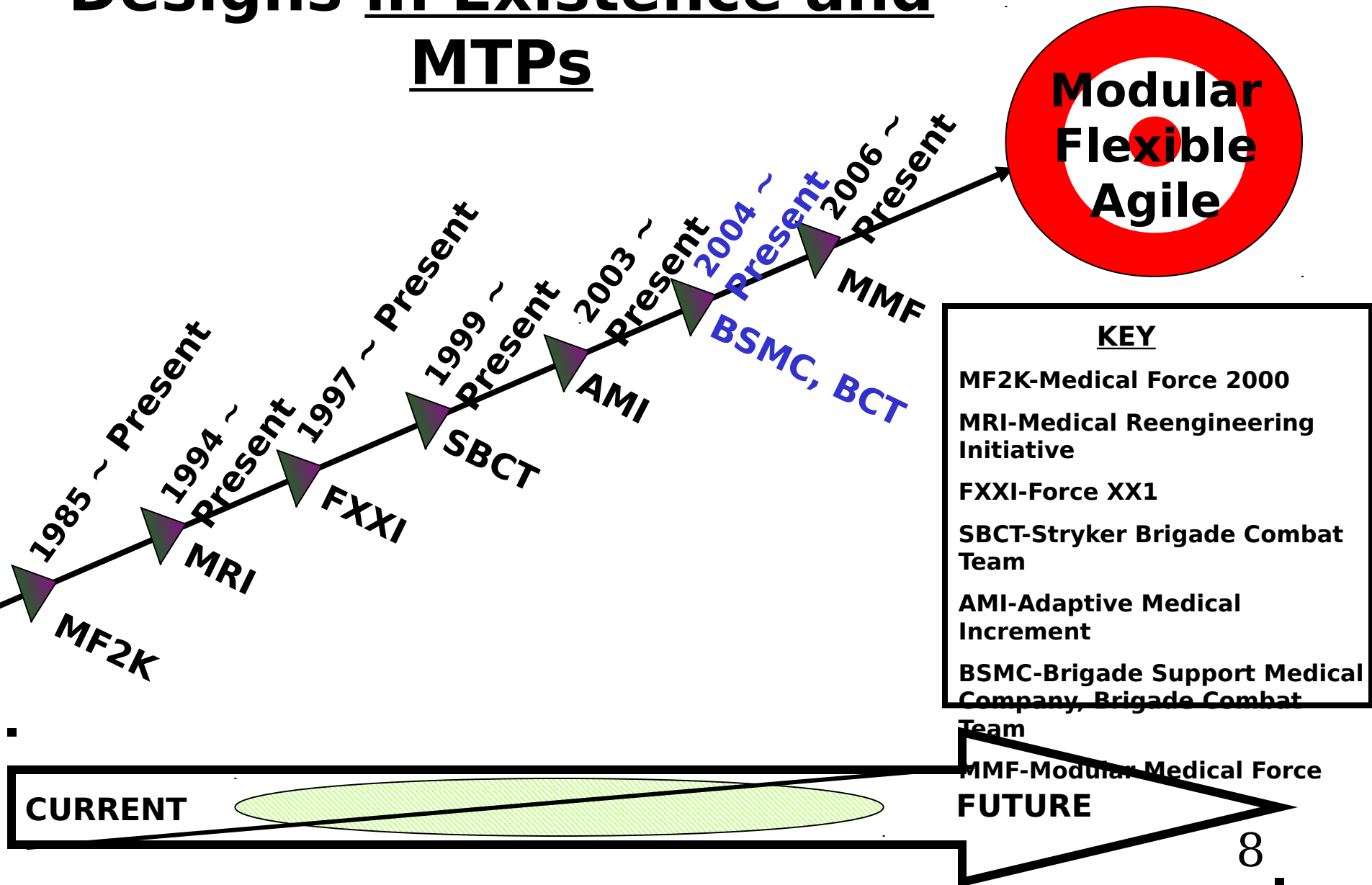
Mission Training Plans (MTPs)

MTPs

A descriptive training document that provides leaders with:

- **Inventory of critical collective tasks that describe “what” to train**
- **Suggested method on “how” to train**
- ***Foundation for developing the unit Combined Arms Training Strategies***

AMEDD Organizational Designs in Existence and MTPs



MTP Organization

- Chapter 1-Unit Training
- *Chapter 2-Training Matrix*
- Chapter 3-Training Plans
- Chapter 4-Training Exercises
- *Chapter 5-T&EOs*
- Chapter 6-External Evaluations
- Appendices *(Glossary & References)*
- Questionnaire

CHAPTER 1

UNIT TRAINING (MISSIONS-CORE)

Generic Company MTPs:

MTP:

-Deploy

Operations

-Relocate

-Establish

-Perform Operational Mission

Support Operations

-Defend

-Redeploy

MEDICAL COMPANY ARTEP 8-329-30-

-Deploy Unit to a New Theater of

-Relocate Unit to a New Operating Site

-Establish Unit Area of Operations

-Perform Health Service

-Defend Assigned Area

-Redeploy Unit to Home Station

CHAPTER 2

TRAINING MATRIX

- **INTEGRATES TASKS WITH ARMY UNIVERSAL TASK LIST (AUTL)**
- **ALIGNS TASKS WITH APPROPRIATE MISSIONS**

MISSION AUTL & T & EO	DEPLOY	PLAN	RELOCATE	ESTABLISH	PERFORM	DEFEND	REDEPLOY
*Deploy/Conduct Maneuver Perform Deployment Alert Activities 08-2-8001.08-00CT		X					
Perform preparation	X						

CHAPTER 5

TRAINING and EVALUATION OUTLINES

(T&EOs)

ELEMENTS: COMPANY HEADQUARTERS, PREVENTIVE MEDICINE SECTION, MENTAL HEALTH SECTION, MEDICAL TREATMENT PLATOON HEADQUARTERS, MEDICAL TREATMENT SQUAD, AREA SUPPORT SQUAD, MEDICAL TREATMENT SQUAD (AREA), PATIENT HOLDING SQUAD, EVACUATION PLATOON HEADQUARTERS, EVACUATION SQUAD (FWD), EVACUATION SQUAD (AREA), BRIGADE MEDICAL SUPPLY OFFICE

TASK: DEFEND CONVOY ELEMENTS (55-2-4006.08)

(FM 55-30)

(FM 3-11.4)

(FM 3-25.26)

(FM 3-90)

(FM 4-25.11)

(FM 44-8)

ITERATION: (Circle)

1

2

3

4

5

M

COMMANDER/LEADER ASSESSMENT: (Circle)

T

P

U

CONDITIONS: Threat forces attack the march column. The unit is conducting a tactical road march. The unit has analog and/or digital communications. The higher HQ OPORD with all annexes and overlays, and unit and higher HQ TSOPs are available. CAS Sorties and indirect fire support have been allocated, but with low priority. Pyrotechnics are available for signaling and marking locations. This task is performed under all environmental conditions. The unit may be subject to attack by threat forces, including air, ground, NBC or DE attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Attacks are repelled by proper immediate action techniques and march is resumed IAW the movement order and TSOP. At MOPP4, performance degradation factors increase response times.

TASK STEPS AND PERFORMANCE MEASURES

GO

NO-GO

*1. Convoy commander supervises reaction to sniper fire. (113-571-1022, 113-637-2001, 551-721-4326, 551-88M-0001)

- a. Locates approximate location of sniper incident on map from convoy element reports.
- b. Identifies whether area is a free fire zone or restricted fire.

APPENDICES

Appendix A - Army Universal Task List (AUTL)

Appendix B - Geneva Conventions

**Appendix C - Sample Operations Order
(OPORD)***

Appendix D - Medical Threat*

Appendix E - Combined Arms

Training Strategy (CATS)

Glossary

References

Questionnaire

User feedback is a vital tool for the training developer. To produce the best possible product that meets the needs of the leader and

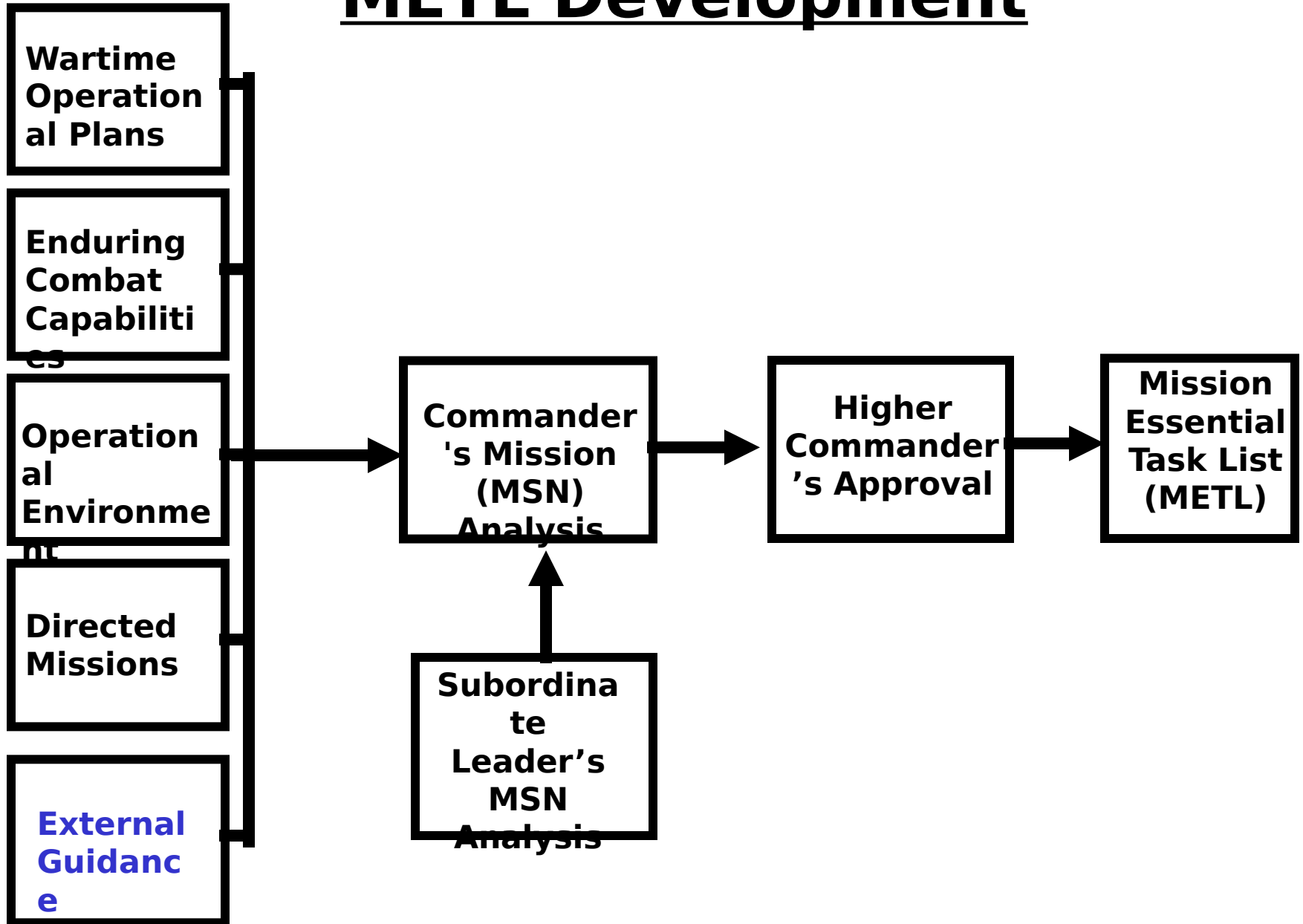
Training the Force

FM 7-0

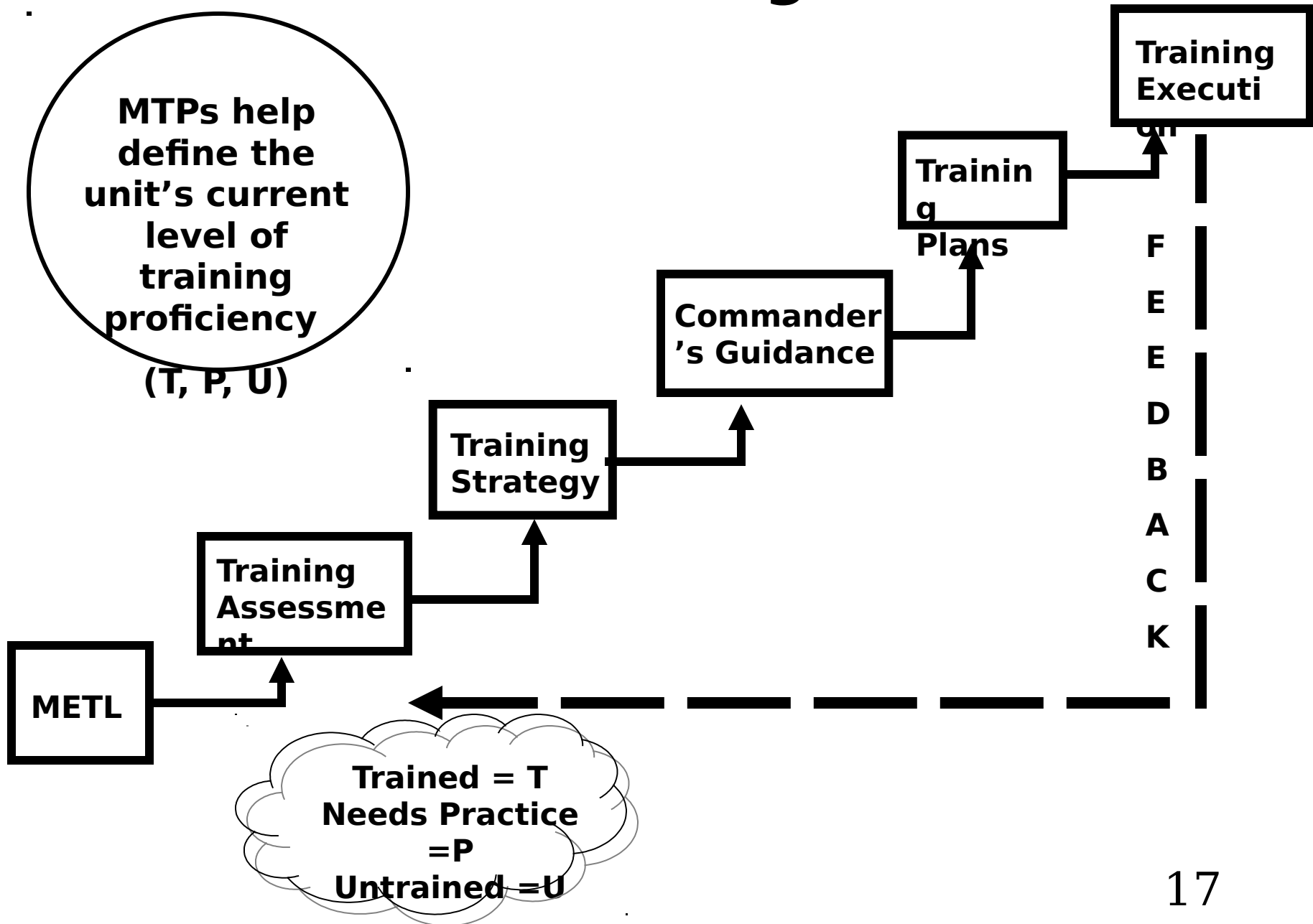
Unit Training Program

- **Unit's Mission Essential Task List (METL)**
- **Chain of Command Training Directives and Guidance**
- **Unit Training Priorities**
- **Availability of Training Resources and Areas**

METL Development



Planning



What can you do?

- **Communicate with the ARTEP Branch for questions, comments and recommendations**
- **Submit After Action Reviews (AARs) to AMEDD Lessons Learned**

CATS

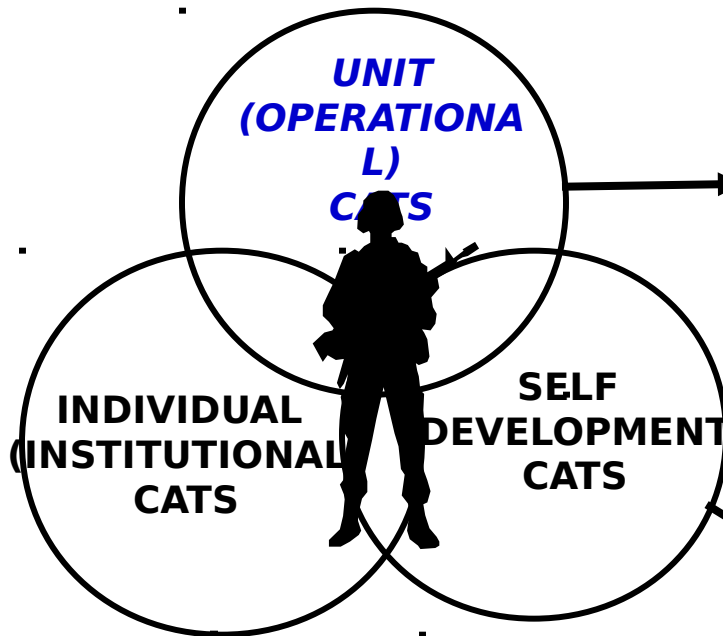
Combined
Arms
Training
Strategy

Purpose

**Provide an overview of the U.S.
Army's CATS Program**

CATS Program

The Army's overarching strategy regarding current and future training

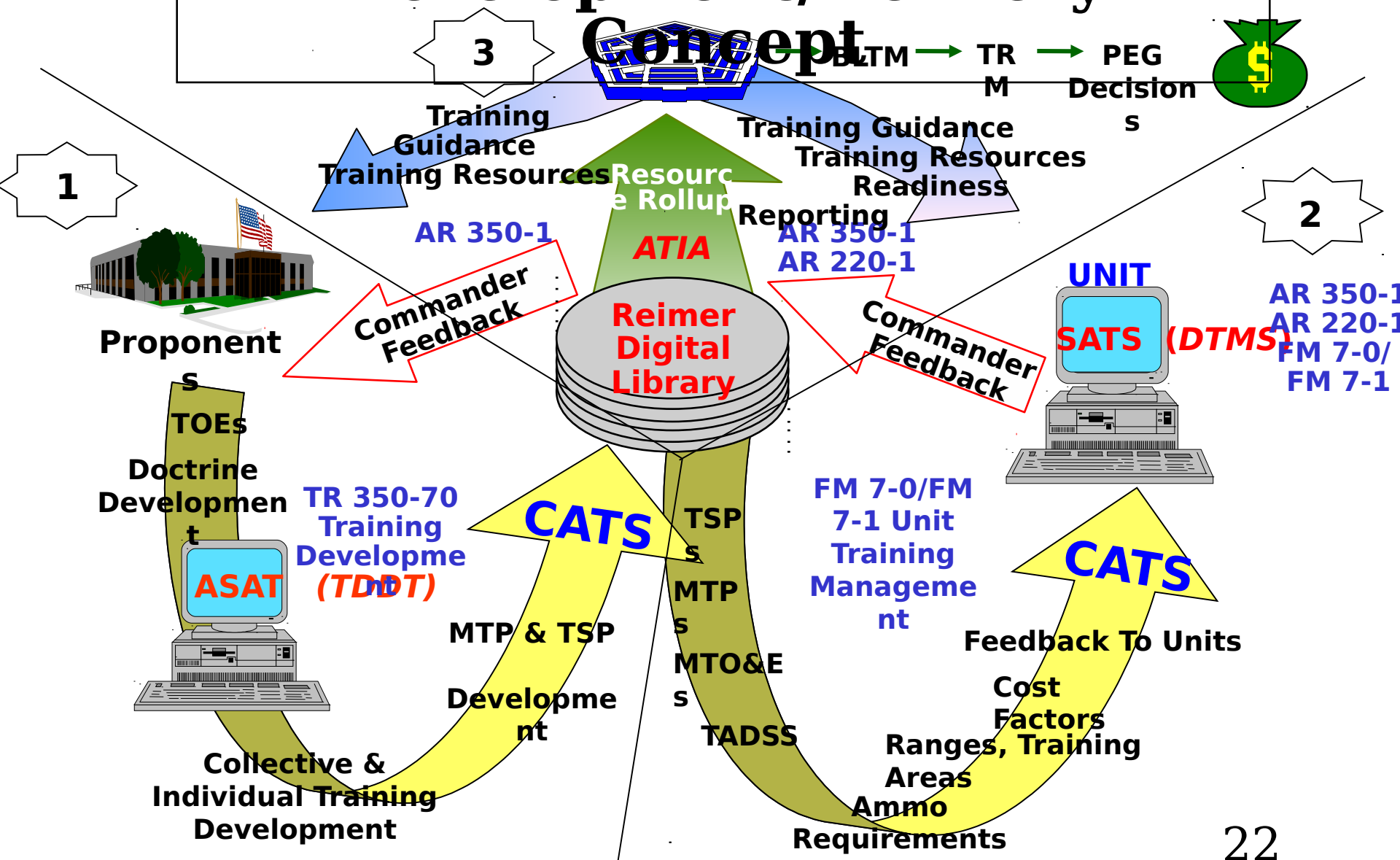


- *Descriptive- Commander tailors to unit needs*
- *MTP task based - event driven*
- *Links collective and individual tasks*
- *Multi-echelon, gated (crawl, walk, run)*
- *Identifies required training resources*
- *Links unit training and HQDA OPTEMPO models*

- **Prescriptive - drives institutional POIs**
- **Task based**
- **MOS, ASI, & SSI specific individual training programs**
- **Identifies training resource requirements**

- **Prescriptive and Descriptive**
- **Program not mature or synchronized**
- **Individual development guide**
- **Directed or self motivated**
- **Supports leader development**
- **Supports life-long learning**

Unit CATS Development/Delivery Concept



Components of the Unit CATS

UNIT Table of Contents (Example)

REVISED CATS TASK TEMPLATE

MEDICAL CO, BDE SPT BN (HEAVY BCT)(T1)

AMEDD Final Approved CATS (8
November 2005)

TABLE OF CONTENTS

	<u>PAGE</u>
Deploy/Redeploy (08-TS-2700) -----	4
TEWT for Deploy/Redeploy (08329G000)-----	4
CLASS for Deploy/Redeploy (08329G000)-----	6
DEPEX for Deploy/Redeploy (08329G000)-----	6
Conduct Command Maintenance Activities (08-TS-2701) -----	9
STX for Conduct Command Maintenance (08329G000)-----	9
CLASS for Conduct Command Maintenance (08329G000)-----	10
Defend Convoy (08-TS-2702) -----	13
TEWT for Deploy/Redeploy (08329G000)-----	13
STX for Defend Convoy using MILES (08329G000)-----	14
LFX for Defend Convoy (08329G000)-----	17
Establish Unit Area of Operations (08-TS-2703) -----	20
TEWT for Establish Area of Operations (08329G000)-----	20
STX for Establish Area of Operations (08329G000)-----	22
Move (Relocate Unit to a New Operating Site) (08-TS-2704) -----	25
STX for Move (Relocate Unit to a New Operating Site) (08329G000)-----	25

Unit Task Selection (Example)

MEDICAL CO, BDE SPT BN (HEAVY BCT) (11)
AMEDD Final Approved CATS (8 November 2005)

Task: Defend Convoy (08-TS-2702)

Supporting Task(s):

08-2-0003	TREAT CASUALTIES
08-2-C316	EVACUATE CASUALTIES
55-2-4001.08	PLAN TACTICAL CONVOY
55-2-4002.08	PREPARE UNIT FOR TACTICAL CONVOY
55-2-4003.08	CONDUCT TACTICAL CONVOY
55-2-4006.08	DEFEND CONVOY ELEMENTS

Frequency: Quarterly (4)

Types of Events: LFX, STX, TEWT

Supported Mission(s):

DEFEND
DEPLOY
ESTABLISH
PERFORM
RELOCATE

Unit Template (Example)

Training Audience: COMPANY HEADQUARTERS, PREVENTIVE MEDICINE SECTION, MENTAL HEALTH SECTION, MEDICAL TREATMENT PLATOON HEADQUARTERS, MEDICAL TREATMENT SQUAD, AREA SUPPORT SQUAD, MEDICAL TREATMENT SQUAD (AREA), PATIENT HOLDING SQUAD, EVACUATION PLATOON HEADQUARTERS, EVACUATION SQUAD (FWD), EVACUATION SQUAD (AREA), BRIGADE MEDICAL SUPPLY OFFICE

Means (Event) (TADSS): 1 - Company STX (MILES)

Title: STX for Defend Convoy using MILES (08329G000)

Estimated Duration: 16 Hours

Replication of Conditions (A-D): C - Gate quality for task or echelon

Multi-echelon Training:

Critical Training Gates:

Action Gates: TEWT for Defend Convoy (08329G000)

Individual Tasks:

Comments: (Includes purpose of event; outcome supported; execution guidance about execution of the event; constraints posed by TADSS/et al)

PURPOSE: To train the company to plan and conduct tactical convoy operations with a focus on defending the convoy.

OUTCOME: The company can conduct tactical convoy operations and defend the company by correctly employing appropriate tactics, techniques, and procedures in situations that may be encountered in a contemporary environment.

EXECUTION GUIDANCE: This Situational Training Exercise is one of two events specifically focused on defending convoys. The associated Live Fire Exercise (LFX) is the second event. Tactical convoy training is also included in several other task selections supported by different training events where the focus is broader than defending the convoy. This STX is a gate to the LFX for "Defend Convoy". While this STX serves as a rehearsal for the LFX, all facets of convoy planning and procedures are trained to standard during this STX. A situation or scenario should be developed which requires use of troop leading procedures and planning for route, convoy organization, vehicle configuration, communications, fire support and escorts. Conditions should be established for the unit to practice movement formations in known danger areas and reactions to enemy contact. Medical company personnel must be aware that in many environments a "Red Cross" does not preclude them from attack. Conditions should be established for the unit to practice movement battle drills like blow through, hasty defense, hasty attack, recovery, dismount, remount, IED awareness and attack, casualty recovery, medical evacuation and employment of gun trucks. Prior to conducting this STX, individual skill proficiency should include weapons qualification, first aid, combat lifesavers, driving, navigation, communications, rules of engagement, IED awareness. Leaders should be trained on digital communications systems and call for fire procedures and special teams should be trained for casualty evacuation, recovery and establishing a landing zone. The recommended frequency is one STX during the train phase and one annually for the ready

Events* in Unit CATS

- Class
- Sergeant's Time
- Map Exercise (MAPEX)
- Tactical Exercise Without Troops (TEWT)
- Situational Training Exercise (STX)
- Lanes Training Exercise (LTX)
- Staff Training Exercise (STAFFEX)
- Command Post Exercise (CPX)
- Logistical Exercise (LOGEX)
- Live Fire Exercise (LFX)
- Gunnery (CALFEX)
- Combined Arms Live Fire Ex
- Fire Coordination Exercise (FCX)
- Command Field Exercise (CFX)
- Field Training Exercise (FTX)
- Combined Training Exercise (CTX)
- Joint Training Exercise (JTX)
- Communications Exercise (COMEX)
- Mobilization Exercise (MOBEX)
- Deployment Exercise (DEPEX)
- Sealift Emergency Deployment
- Emergency Deployment

*References: FM 7-0 and FM 27

Replication of Conditions by Level

Level	Characteristics	
Example		
A Center (CTC) Realism	-Highest Fidelity Possible in Training Rotation	Combat Training -Greatest
B Forces	-Requires Greatest Level of Resources -Highest Fidelity other than a CTC	Includes Opposing
C (STAFFEX) Training	-Assists in Maintaining Peak Proficiency -Synchronization of Combined Arms Mission Execution -Simulation of Conditions	(OPFOR) Includes Observers Staff Exercise -Refresher
D	Rock Drill -Collective Demonstration with Others to Perform a Collective Task or Function	Squad step by step

Unit Resources Template (Example)

Resources:

COMPANY HEADQUARTERS

LIN	Quantity	Nomenclature	OPTEMPO	Class 3POL	Class 5 Ammunition		
			Hours/Miles	Gallons	DODIC	Quantity	Nomenclature
R95035	67	RIFLE 5.56MM M16A2	0	0	A080	4020	Ctg 5.56MM Blanks M200
T61494	3	TRK UTIL M998A1	30.0 mi	9.0			

PREVENTIVE MEDICINE SECTION

LIN	Quantity	Nomenclature	OPTEMPO	Class 3POL	Class 5 Ammunition		
			Hours/Miles	Gallons	DODIC	Quantity	Nomenclature
T61494	1	TRK UTIL M998A1	30.0 mi	3.0			

Resources: Identifies the resources, organized by classes of supply, projected to be used during the event. This data is based on the TOE equipment of the training audience. At this time, resource data is reflected only for Class III, V, and VII ERC A items.

CATS EXECUTIVE SUMMARY (EXSUM)

- The EXSUM was developed as an Interim

Solution to SATS

- The EXSUM is a paper based version of the full CATS

Review of CATS Objectives

Assist **Decision Makers** in the Identification, Acquisition, and Management of Resources to Support Future Training and Readiness

Relate Activities To Readiness by Dollars

Accurate Resourcing

PPBES Funding Policy

Training Resource Model

CATS

Regulatory Guidance

- AR 350-1 & AR 220-1
- TRADOC REG 350-70
- MACOM Guidance

Adjustments

Reporting

SATS (DTMS)

Training, Doctrine, and TADSS

Better Training

Assist **Training Managers** in Planning And Conducting Training

Relate Activities to Readiness by Wartime Mission Requirements

CATS Access

Army Knowledge On-line (AKO):
**<https://www.us.army.mil/portal> (Site
Map-MACOMS - TRADOC - CATS -
AMEDD)**

**General Dennis J. Reimer Training and
Doctrine Digital Library (RDL):**
**<http://www.train.army.mil> (RDL Services
- Combined Arms Training Strategy [Left
Box] - MEDICAL [Right Box] - Submit)**

The Way Ahead

Purpose

**Provide a brief overview of the
U.S. Army Training
Information Architecture (ATIA)
and the Army
Digital Training Management
System (DTMS)**

...the Unit Training Management Problem Space

REIMER DIGITAL LIBRARY

ASAT
TASK
DATA

CATS
PLAN
DATA

NO CONNECTION

CD ROM DELIVERY

?
TSPs

UNIT INTERNET

NO CONNECTION

ARNG
Specific
Tng Data

NG NET

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USAR NET

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Specific
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STRAC

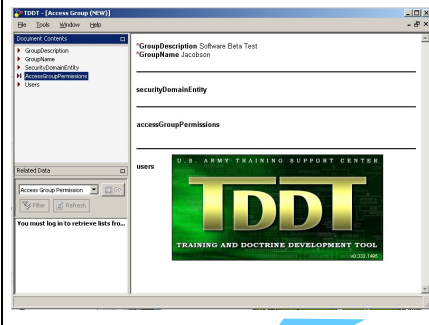
?
TOE
MTOE

***Different Systems with Different Data Sources, What is the
Answer?? Must Have A Single, Fully Supported Delivery
System To Tap The RDL!***

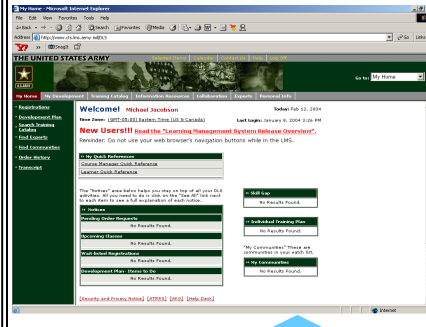
Army Training Information Architecture (ATIA) Product Suite

The Foundation of Life-long Learning

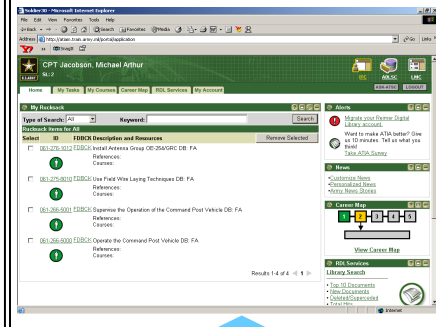
Training & Doctrine Development Tool (TDDT)



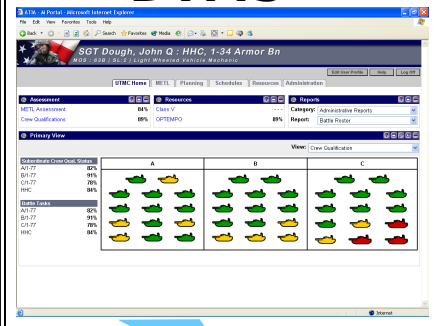
Learning Management System (LMS)



Soldier Training Homepage (aka ITC)



Unit Training Management Configuration/DTMS



CATS
STP
TSP
Lesson Plan

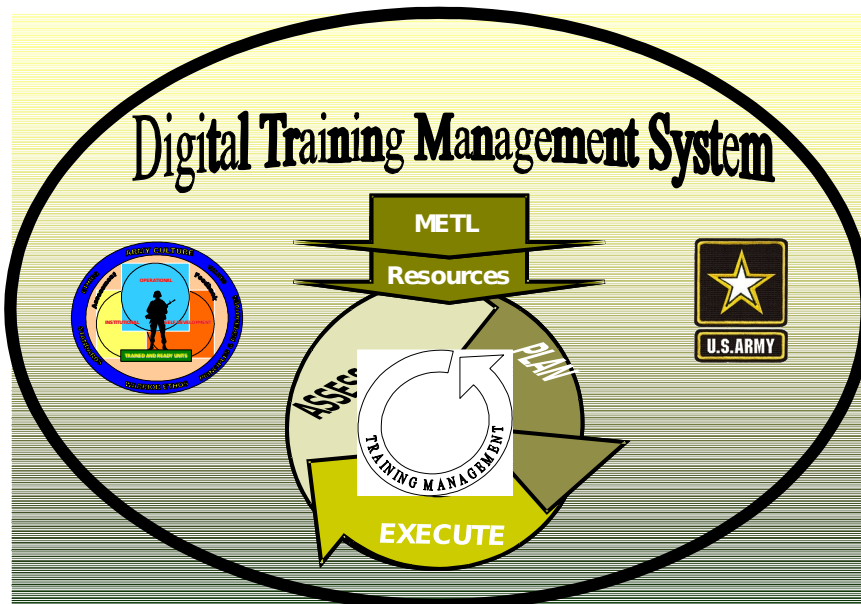
DL Courseware
Training Mgmt.
Resident
Non-Resident

CATS
GTA
PD Model
FM

METL
Training Schedule
TSP
CATS

Common Core Services
Digital Library / Data Repository

DTMS Overview



US Army Digital Training Management System - Microsoft Internet Explorer

Address: https://dtms.army.mil/DTMS/Default.aspx

UNCLASSIFIED

Unit Training Management System : A (1-X INF)/1-X INF

Home

US Army Unit Training Management System

Summary Training Docs Current Long Range Short Range

Personnel Strength

	Officers	Warrent Officers	NCOs	Enlisted	Total
Authorized	0	0	0	0	0
Assigned	4	0	47	77	128
% Fill	100%	100%	100%	100%	100%

Notifications

Type	From	Priority	Subject	Action
There no system notifications currently in the system.				

Alerts

Alert	Action
Your METL Task has been disapproved.	Details Delete
Your mission has been approved.	Details Delete
Your METL Task has been disapproved.	Details Delete
Your METL Task has been disapproved.	Details Delete
Your METL Task has been disapproved.	Details Delete
Your METL Task has been approved.	Details Delete
Your METL Task has been approved.	Details Delete
Your METL Task has been disapproved.	Details Delete
Your mission has been approved.	Details Delete
Your mission has been disapproved.	Details Delete
Your mission has been disapproved.	Details Delete
Your mission has been approved.	Details Delete

Training Highlights

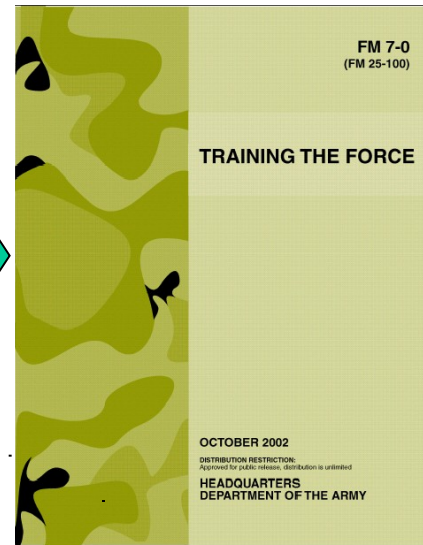
Task Name	Start Date	End Date
No training highlights found for today.		

DTMS

Digital Training Management System



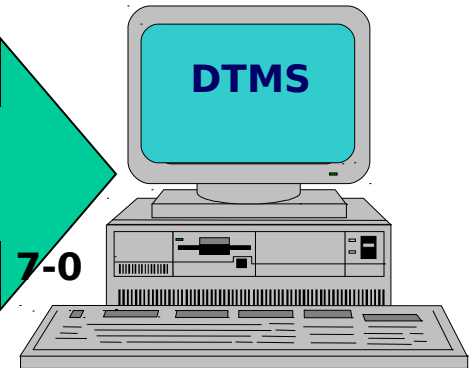
**Army Training
and
Leader Development
Model**



**"Training the
Force"**

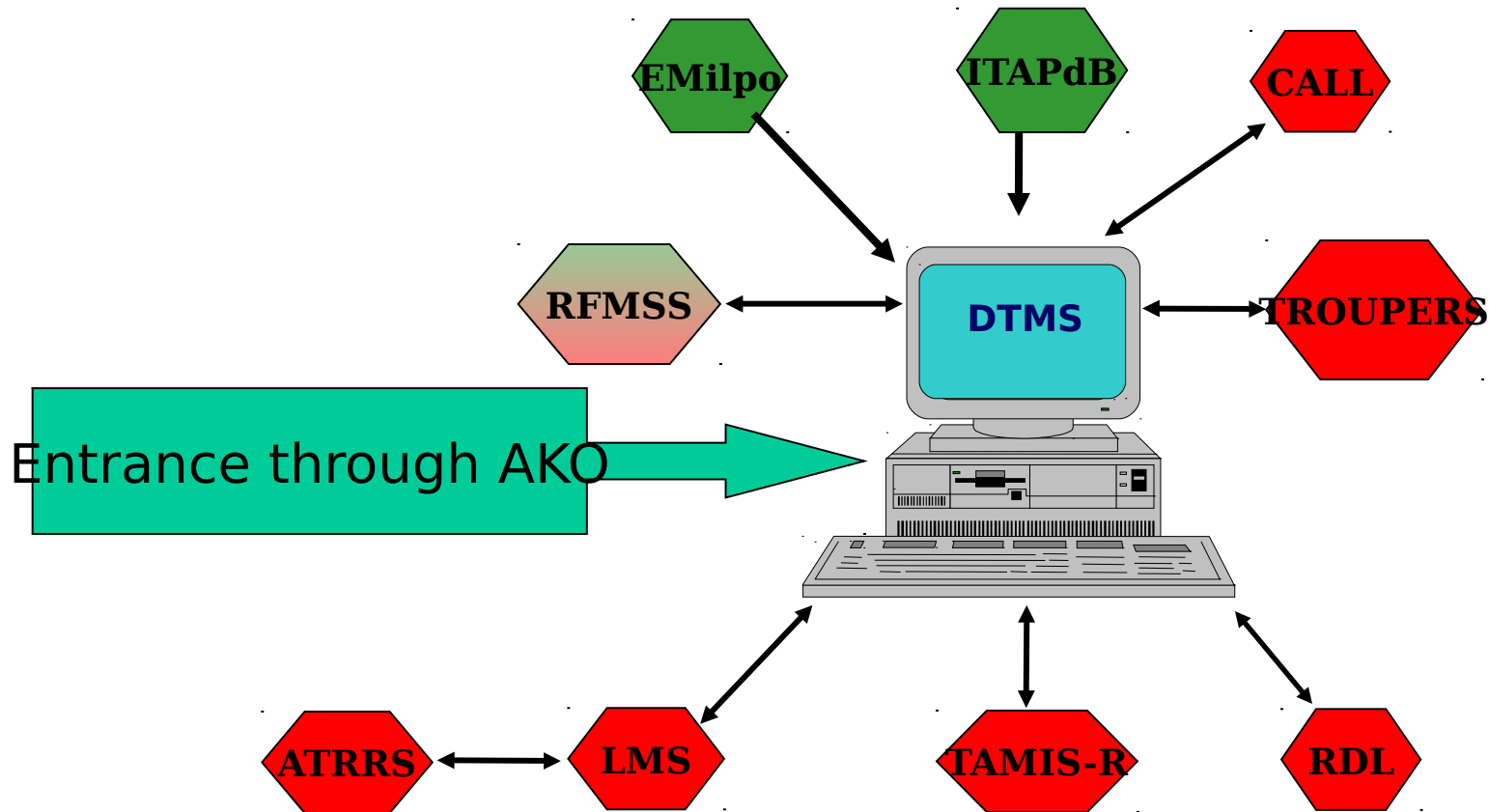
FM 7-0

- Web-based
- COTS
- Microsoft compatible
- User Friendly
- Built and based IAW FM 7-1



DTMS Interface

Seamless integration of existing training management systems



Tracks METL and Mission of Unit and Higher Headquarters

US Army Digital Training Management System - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address <http://192.168.0.111/DTMS/Default.aspx> Go

Unit Training Management System

METL

- Manage Unit Mission
- Manage Unit METL

Unit Manager

Personnel

Training

AARs

CATS

Reports

Manage METL : Co A (Tank Co)

[View Higher Mission](#) [View Peer Mission](#) [View Subordinate Mission](#)

Higher Mission:

Test Mission

Unit Mission:

On order, A/1-66 Armor deploys to specified area of operations, conducts Security and Stabilization Operations, and redeploys to home station.

Mission Notes

General Mission Notes: [Edit](#)

War Plan Notes: [Edit](#)

[Update](#)

Mission / METL of Unit and Higher to include Planning Notes

Allows Unit to submit METL / Mission changes and approval by Higher

US Army Digital Training Management System - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address http://192.168.0.111/DTMS/Default.aspx Go

Unit Training Management System

METL

Manage Unit Mission

Manage Unit METL

Unit Manager

Personnel

Training

AARs

CATS

Reports

Manage METL : Co A (Tank Co)

[View Higher METL](#) [View Subordinate METL](#)

Unit Mission:

METL Analysis [Submit METL](#) [Edit METL](#)

☒ NONE ☒ SUBMITTED' ☒ DECLINED ☒ APPROVED

Status	BT	Task	Assessment	
NONE	<input type="checkbox"/>	CONDUCT LOGISTICAL PLANNING	T	details strategy
NONE	<input type="checkbox"/>	SECURE A LODGMENT	T	details strategy
SUBMITTED	<input type="checkbox"/>	BREACH AN OBSTACLE	T	details strategy
DECLINED	<input type="checkbox"/>	CONDUCT ROUTE RECONNAISSANCE	T	details strategy
APPROVED	<input type="checkbox"/>	CONDUCT ZONE/AREA RECONNAISSANCE	T	details strategy
NONE	<input type="checkbox"/>	CONDUCT RECONNAISSANCE OF A BUILT-UP AREA	T	details strategy
DECLINED	<input type="checkbox"/>	CONSOLIDATE	T	details strategy
APPROVED	<input type="checkbox"/>	REORGANIZE	T	details strategy
NONE	<input type="checkbox"/>			details strategy

Internet

Unit Planning is CATS based IAW FM 7.0 and FM 7.1

US Army Digital Training Management System - Microsoft Internet Explorer provided by Fort Leavenworth, Kansas

File Edit View Favorites Tools Help

Address <https://dtms.army.mil/DTMS/Default.aspx> Go Links

Google Search Web 15 blocked AutoFill Options

Unit Training Management System Log Out

Short Range Calendar

Add Event Long-Range Calendar

☒ Show Subordinate Unit Items

Aug 2004 Sep 2004 Oct 2004 Nov 2004 Dec 2004 Jan 2005 Feb 2005 Mar 2005 Apr 2005 May 2005 Jun 2005 Jul 2005 Aug 2005

Selected Date: August 2004

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Aug 1	2	3	4	5	6	7
			CTC Rotation (CTC)			
8	9	10	11	12	13	14
		CTC Rotation (CTC)				
		Reconnaissance Operations (EXEVAL)				
		Reconnaissance Operations (EXEVAL)				
			Joint Training Exercise (JTX)			
			Employ Mortars (Task Force)			
			B (1-22 INF)			
15	16	17	18	19	20	21
Reconnaissance Operations (EXEVAL)					STX for Conduct	
Reconnaissance Operations (EXEVAL)					Reconnaissance Operations	
CTC Rotation (CTC)						
B (1-22 INF)						
					Reconnaissance Operations	
22	23	24	25	26	27	28
Reconnaissance Operations						

Templates unit QTB that can be exported to Powerpoint and edited

Training Events created from unit CATS and can be moved to support higher unit missions

Can Drill Down into specific training events for Task, Conditions and Standards and specific training event information

Allows users to manage subordinate unit personnel, mission, composition and equipment

US Army Digital Training Management System - Microsoft Internet Explorer provided by Fort Leavenworth, Kansas

File Edit View Favorites Tools Help

Address <https://dtms.army.mil/DTMS/Default.aspx> Go Links

Google Search Web 15 blocked AutoFill Options

Unit Training Management System

Log Out

Mission/METL

Unit Manager

Personnel

Planning

AARs

Training

Reports

Admin

- User Management
- Training References
- Manage Deployment Tasks
- Manage Mandatory Training
- Manage Unit Weapons
- Manage Platoons/Sections

Platoon/Section Manager

Platoon/Section	Action
1st Platoon (A 1-22 IN)	Edit Delete
MAINT TEAM	Edit Delete
2nd Platoon	Edit Delete
3rd Platoon	Edit Delete
1st Squad, 1st Platoon	Edit Delete
2nd Squad, 1st Platoon	Edit Delete
3rd Squad, 1st Platoon	Edit Delete
4th Squad, 1st Platoon	Edit Delete
1st Squad, 2d Platoon	Edit Delete

Add New Platoon/Section

Users / Units can create a unit library of training references

Units can add / delete Mandatory Training and Deployment / Redeployment tasks as Mission requires

Units can add / delete weapons and equipment to support Army fielding of weapons and systems

Done Internet

ARTEP BRANCH POC LISTING

-email: artep-amedd@amedd.army.mil

**Telephone: Comm 210.295.5811 or DSN
421.5811**

-Ms. Crescenciana Garza, Chief

email: crescenciana.m.garza@us.army.mil

**Telephone: Comm 210.221.2672 or DSN
471.2672**

-SSG Jennifer Zavala, Branch Training NCO

email: jennifer.zavala@us.army.mil

**Telephone: Comm 210.295.9010 or DSN
421.9010**

QUESTIONS?